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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/728,570
Filing Date	December 5, 2003
First Named Inventor	M. Riedel
Art Unit	2818 2825
Examiner Name	Not yet assigned LIN, SUN J.
Attorney Docket Number	18021-6226

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

James Burthris

Date	
Considered	

3-3-66

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		Art Unit	2819 2825		
Examiner Name	Not yet assigned LIN, SUN J.				
Sheet	2	of	3	Attorney Docket Number	18021-6226

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JSR	D	International Search Report for International PCT Application PCT/US03/38622 dated May 4, 2004.	
	E	Robert Allen Short, "A Theory of Relations Between Sequential and Combinational Realizations of Switching Functions", February 1961, pp. 1-115.	
	F	William H. Kautz, "The Necessity of Closed Circuit Loops in Minimal Combinational Circuits", IEEE Transactions on Computers, February 1970, pp. 162-164.	
	G	David A. Huffman, "Combinational Circuits with Feedback", pp. 27-55.	
	H	Ronald L. Rivest, "The Necessity of Feedback in Minimal Monotone Combinational Circuits", IEEE Transactions on Computers, June 1977, pp. 606-607.	
	I	Leon Stok, "False Loops through Resource Sharing", IEEE, 1992, pp. 345-348.	
	J	Sharad Malik, "Analysis of Cyclic Combinational Circuits", IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 13, No. 7, July 1994, pp. 950-95	
	K	Anand Raghunathan et al., "Test Generation for Cyclic Combinational Circuits", IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 14, No. 11,	
	L	Arvind Srinivasan et al., "Practical Analysis of Cyclic Combinational Circuits", IEEE Custom Integrated Circuits Conference, 1996, pp. 381-384.	
JSR	M	Thomas Robert Shiple et al., "Formal Analysis of Synchronous Circuits", pp. 1-202.	

Examiner Signature		Date Considered	3-3-06
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Attorney Docket Number	18021-6226

Sheet

3

of

3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JSL	N	Thomas R. Shiple et al., "Analysis of Combinational Cycles in Sequential Circuits", IEEE International Symposium on Circuits and Systems, Vol. 4, 1996, pp. 592-595.	
	O	Thomas R. Shiple et al., "Constructive Analysis of Cyclic Circuits", Paris, March 1996, pp. 1-6.	
	P	Robert de Simone, "Note: A Small Hardware Bus Arbiter Specification Leading Naturally to Correct Cyclec Description", March 1996, pp. 1-8.	
	Q	Amar Bouali et al., "Verifying Synchronous Reactive Systems Programmed in ESTEREL", pp. 1-4.	
	R	Stephen A. Edwards, "Making Cyclic Circuits Acyclic", pp. 159-162.	
	S	R. K. Brayton et al., "Multilevel Log Synthesis", Proceedings of the IEEE, Vol. 78, No. 2, February 1990, pp. 264-300.	
JSL	T	Randal E. Bryant, "Boolean Analysis of MOS Circuits", IEEE Trans. Computer-Aided Design, February 1987, pp. 1-32.	

Examiner Signature	<i>James Sun Jin</i>	Date Considered	3-3-06
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PTO/SB/08B (08-03)
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Examiner Name	Not yet assigned LIN, SUN J.				
Sheet	1	of	1	Attorney Docket Number	18021-6226

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JSR	A	R. Brayton et al., Logic Minimization Algorithms for VLSI Synthesis, Chapter 7, "Comparisons and Conclusions", pp. 160-173, 1984.	
JSR	B	J. Brzozowski et al., Asynchronous Circuits, Chapter 6, "Up-Bounded-Delay Race Models", pp. 83-111, 1994.	
JSR	C	J. Brzozowski et al., Asynchronous Circuits, Chapter 15, "Design of Asynchronous Circuits", pp. 314-367, 1994.	

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